

IN THE CLAIMS

1. (Currently amended) An apparatus for a ducted heating and cooling unit, comprising:

a bent coil having a coil surface through which outlet air is discharged in a first direction and a second direction different than the first direction;

~~at least one substantially horizontal fin disposed in the bent coil; and~~

at least one substantially vertical fin disposed in the bent coil, wherein said at least one substantially vertical fin directs the outlet air substantially perpendicular to the coil surface to enable dividing of the outlet air in the first direction and the second direction; ~~and a second direction~~

at least two fans moving unconditioned air towards the bent coil.

2. (Currently amended) The apparatus of claim 1, wherein the first direction of the outlet air is longitudinal and the second direction of the outlet air is at an angle with respect to the first direction.

3. (Currently amended) The apparatus of claim 1, wherein at least a portion of the bent coil is curved.

4. (Currently amended) The apparatus of claim 1, wherein the bent coil has a ~~profile selected from the group consisting of a V-shape, C-shape, M-shape, and semi-circular shape~~ V-shape profile.

5. (Cancelled)

6. (Currently amended) A ducted heating and cooling unit, comprising:
~~at least one fan;~~
a bent coil ~~disposed in at least one of an upstream direction and a downstream direction from the fan, the bent coil~~ having a coil surface through which outlet air is discharged in a first direction and a second direction different than the first direction;
at least two fans moving unconditioned air towards the bent coil, wherein the bent coil is disposed in at least one of an upstream direction and a downstream direction from the at least two fans;
~~at least one substantially horizontal fin disposed in the bent coil; and~~
at least one substantially vertical fin disposed in the bent coil, wherein said at least one substantially vertical fin directs the outlet air substantially perpendicular to the coil surface to enable dividing of the outlet air in the first ~~and second directions~~direction and the second direction; and
a duct that houses housing said at least ~~one fan~~ two fans and the bent coil.
7. (Cancelled)
8. (Currently amended) The ducted unit of claim 6, further comprising a separation wall disposed between said at least ~~one fan~~ two fans and the bent coil.
9. (Previously presented) The ducted unit of claim 6, wherein the duct includes at least one side opening substantially aligned with the second direction.
10. (Currently amended) The ducted unit of claim 6, wherein the bent coil has a ~~profile selected from the group consisting of a V-shape, C-shape, M-shape, and semi-circular shape~~ V-Shape profile.
11. (Cancelled)

12. (New) The ducted unit of claim 8, wherein the separation wall includes at least one opening.
13. (New) The ducted unit of claim 6, wherein the bent coil has a C-shape profile.
14. (New) The apparatus of claim 1, wherein the bent coil has a C-shape profile.
15. (New) The apparatus of claim 1, wherein said at least two fans move the unconditioned air in a first air direction and a second air direction different than the first air direction.
16. (New) The ducted unit of claim 6, wherein said at least two fans move the unconditioned air in a first air direction and a second air direction different than the first air direction.
17. (New) The ducted unit of claim 1, further comprising a separation wall disposed between said at least two fans and the bent coil.
18. (New) The ducted unit of claim 17, wherein the separation wall includes at least one opening.
19. (New) The apparatus as noted in claim 9, wherein said at least one side opening is ductless.
20. (New) The apparatus as recited in claim 1, wherein said bent coil includes a plurality of tubes that are aligned vertically and staggered horizontally.
21. (New) The ducted unit as recited in claim 6, wherein said bent coil includes a plurality of tubes that are aligned vertically and staggered horizontally.